

ABSTRACT OF THE DISCLOSURE

This invention provides an image pickup device comprising a plurality of pixels each including a photoelectric conversion unit, a semiconductor area to which a signal from the photoelectric conversion unit is transferred, a transfer switch for transferring the signal from the photoelectric conversion unit to the semiconductor area, and a read unit for reading out the signal from the semiconductor area, and a drive circuit for outputting a first level at which the transfer switch is set in an OFF state, a second level at which the transfer switch is set in an ON state, and a third level between the first level and the second level, wherein the drive circuit controls to hold the third level for a predetermined time while the transfer switch is changing from the ON state to the OFF state.